

**IMPLANTABLE DEVICE WITH CARDIAC EVENT AUDIO PLAYBACK****ABSTRACT OF THE DISCLOSURE**

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Cardiac monitoring and stimulation methods and systems provide audio playback of cardiac events and transthoracic monitoring and therapy. A medical system includes a housing and electrodes configured for sensing cardiac electrical activity. Another sensor may be configured to sense heart movement and produce a signal in response, such as an audio signal. Memory stores the audio signal and the cardiac electrical signal. A controller and communications circuitry telemeter the cardiac electrical signal and the audio signal to a patient-external device. Useful sensors include, accelerometers, piezoelectric transducers, and microphones situated in or on the housing or lead. Energy delivery circuitry may deliver cardiac therapy. The device may further include a patient actuatable trigger configured to communicate to the controller via the communications circuitry. The controller may initiate storing of the cardiac electrical signal and the audio signal in response to the trigger. The patient-external device may further include a storage media.

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